

*The National Academies of*  
**SCIENCES • ENGINEERING • MEDICINE**

**Board on Environmental Change and Society**

*In collaboration with*

**The Social Science Coordinating Committee of the U.S. Global Change Research Program**

**Climate Resilient Pathways and Social Science Research to Actions**

The National Academies NAS Building – Room 125

2101 Constitution Avenue, NW

Washington, DC 20418

**February 7, 2019**

(1:00 pm – 5:30 pm)

For Questions Contact [MWarden@nas.edu](mailto:MWarden@nas.edu) or [TLatimer@nas.edu](mailto:TLatimer@nas.edu)

**Seminar Objectives:**

- *Disseminate USGCRP Social Science Coordinating Committee social science workshop papers<sup>1</sup> and key findings*
- *Discuss roles and examples of using social sciences in research and actions for societal transformations to meet global change and sustainability challenges*
- *Bring together federal managers and scientists, academic scientists and NAS to discuss opportunities to advance interdisciplinary research in federal programs*
- *Identify actionable steps and opportunities to advance interdisciplinary collaboration*

**12:30 pm Registration**

**1:00 pm Welcome, Introduction, and Seminar Objectives**

Kristie L. Ebi, BECS Chair, Jia Li, SSCC Co-Chair and EPA, and Toby Warden, BECS Board Director

**1:10 pm NCA 4 and IPCC 1.5C Special Report Highlights**

Diana Liverman, University of Arizona

**1:50 pm USGCRP SSCC: Overview of Social Science Perspectives on Climate Change**

- Workshop Background and Process (Jia Li, SSCC Co-Chair and EPA)
- Social Vulnerability to Climate Change (Robert Winthrop, University of Maryland)
- Drivers of and Responses to Climate Change (Andrew Jorgenson, Boston College)
- Innovative Methods Tools and Analysis (Carrie Hritz, SESYNC)
- Discussant/Moderator (Michael Vandenbergh, BECS Member, Vanderbilt University)

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<sup>1</sup> In addition to the social science white papers from the 2017 USGCRP Social Science Coordinating Committee workshop on [\*Social Science Perspectives on Climate Change\*](#), several papers were submitted to WIREs Climate Change (other papers may follow soon):

Jorgenson et al. (2018). [\*Social science perspectives on drivers of and responses to global climate change\*](#)

Thomas et al. (2018). [\*Explaining differential vulnerability to climate change: A social science review\*](#)

<b>2:45 pm</b>	<b>Coffee Break</b>
<b>3:00 pm</b>	<b>Introduction to Panel Sessions</b> – Kristie L. Ebi, BECS Chair <i>Meaningful knowledge integration and social science research to action</i>
<b>3:10 pm</b>	<b>Session 1: Advancing Interdisciplinary and Transdisciplinary Research for Global Change</b> <ul style="list-style-type: none"><li>• NSF Activities (Sarah Ruth, Atmospheric and Space Sciences Division, NSF)</li><li>• EPA Social Science (Bryan Hubbell)</li><li>• DOE (Bob Vallario)</li><li>• Academia Mexicana de Ciencia (Pepe Franco)</li><li>• Discussant/Moderator (Kathy Jacobs, BECS Member, University of Arizona)</li></ul>
<b>4:00 pm</b>	<b>Session 2: From Research to Actions</b> <ul style="list-style-type: none"><li>• Household-Level Interdisciplinary Work (Stephane Hallegatte, World Bank)</li><li>• NOAA RISA Program (Chelsea Combest-Friedman, NOAA)</li><li>• Culture and Disasters (Keely Maxwell, EPA)</li><li>• State/Local Knowledge Generation (Richard Moss, AMS)</li><li>• International Perspective (Laureano Álvarez, North American Development Bank)</li><li>• Discussant/Moderator (Lori Hunter, BECS Member, University of Colorado, Boulder)</li></ul>
<b>5:00 pm</b>	<b>Key Themes from Seminar, Group Discussion, and Next Steps</b> <p>Kristie L. Ebi, Lori Hunter, Kathy Jacobs, Jonathan Overpeck, and Robert Winthrop</p> <ul style="list-style-type: none"><li>• Federal-Academic Collaboration</li><li>• Collaboration Across Social Sciences</li><li>• Natural-Social Science Collaboration</li><li>• <i>Where are there opportunities to apply social sciences research to help in the decision-making context at local state and federal levels? Where are there opportunities for social science researchers to work with you?</i></li><li>• <i>Where are some specific needs and opportunities to can we expand the role of the social sciences in federal research programs related to climate change?</i></li></ul>
<b>5:30 pm</b>	<b>Adjourn</b>

*This activity will be open to the public and webcast. Board seminars are exploratory in nature based on topics the Board has identified to warrant deeper examination.*

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